



10/751588

PATENT

CJE
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Darius Martin Sullivan
Assignee: New Transducers Limited
Title: CONTACT SENSITIVE DEVICE
Patent No.: 6,922,642 B2 Issued: July 26, 2005
Atty. Docket No.: 081-0002-1

Certificate
APR 21 2006
of Correction

April 14, 2006

ATTN: Certificate of Correction Branch
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED CERTIFICATE OF CORRECTION OF PATENT
– PTO MISTAKE (37 C.F.R. § 1.322(a))**

Dear Sir:

Applicant filed a Request for a Certificate of Correction on December 6, 2006 to correct multiple errors, including several mathematic equations. A Certificate of Correction was mailed by the Office on March 17, 2006. However, the Certificate of Correction has an error under Column 8, Line 46, as shown on the marked-up copy enclosed. Please issue a new Certificate of Correction replacing “shoud lread” with -- should read – and showing the equation as -- $W'_j(t)$ --showing a prime, rather than a curved apostrophe, following the W .

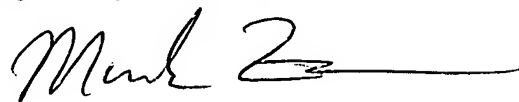
Applicant believes it is proper under 37 C.F.R. § 1.322(a) for the Office to issue the requested Corrected Certificate of Correction without requiring any fee Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322(a), as the mistakes to be corrected were made by the Office.

1. Attached hereto is a marked-up copy of the Certificate of Correction showing the errors listed above.
2. Please send the Certificate to:

Mark Zagorin
ZAGORIN O'BRIEN GRAHAM LLP
7600B N. CAPITAL OF TEXAS HWY, SUITE 350
AUSTIN, TEXAS 78731-1191

APR 24 2006

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark Zagorin', followed by a long horizontal flourish line.

Mark Zagorin, Reg. No. 36,067

Attorney for Applicant(s)

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,922,642 B2
 DATED : July 26, 2005
 INVENTOR(S) : Darius Martin Sullivan

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6,

Line 57, " $\phi_{12}^*(\omega) = \left| \sum_j W_{1,j}(\omega) \hat{W}_{2,j}^*(\omega) \exp[-ik(\omega)\Delta x_j] \right|$ " should
 read -- $\phi_{12}^*(\omega) = \left| \sum_j \hat{W}_{1,j}(\omega) \hat{W}_{2,j}^*(\omega) \exp[-ik(\omega)\Delta x_j] \right|$ --.

Column 8,

Line 24, "time to at which" should read -- time t_0 at which --.

Line 37, " $\Pi_j W_j'(t)$ " should read -- $\prod_j W_j'(t)$ --.

Line 46, " $W_j'(t)$ " should read ^{should read} $W_j'(t)$ --. $W_j'(t)$

Lines 53 and 65, " $\Pi_j W_j'(t_0)$ " should read -- $\prod_j W_j'(t_0)$ --.

Column 13,

Lines 24 and 26, " $W_1'(t)$ and $W_2'(t)$ " should read -- $W_1'(t)$ and $W_2'(t)$ --.

Line 48, " $G(t) = \frac{1}{2\pi} \int_{-\infty}^{\infty} \hat{W}_1[f(\omega)] \hat{W}_2^*[f(\omega)] \phi_{12}[f(\omega)] \exp(i\omega t) d\omega$ " should
 read -- $G(t) = \frac{1}{2\pi} \int_{-\infty}^{\infty} \hat{W}_1[f(\omega)] \hat{W}_2^*[f(\omega)] \phi_{12}[f(\omega)] \exp(i\omega t) d\omega$ --.

Column 15,

Line 22, " $\phi_{12}^*(\omega) = \left| \sum_j \hat{W}_{1,j}(\omega) \hat{W}_{2,j}^*(\omega) \exp[-ik(\omega)\Delta x_j] \right|$ " should
 read -- $\phi_{12}^*(\omega) = \left| \sum_j \hat{W}_{1,j}(\omega) \hat{W}_{2,j}^*(\omega) \exp[-ik(\omega)\Delta x_j] \right|$ --.

Column 16,

Line 10, " $W_1'(t)$ " should read -- $W_1'(t)$ --.

APR 24 2006

COPY

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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INVENTOR(S) : Darius Martin Sullivan

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 17,

Line 22, "A contract sensitive device according to claim 3, wherein the optimisation maximum value of the product is obtained." should read -- A contact sensitive device according to claim 3, wherein the optimisation includes iterative refinement of estimates of a location of the contact and a time for which the maximum value of the product is obtained. --.

Signed and Sealed this

Fourteenth Day of March, 2006



A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a rectangular, textured background.

JON W. DUDAS
Director of the United States Patent and Trademark Office

APR 24 2006

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